

Remarks

Status of application

Claims 1-10, 12-37 and 39-47 were examined and claims 1-10, 12-14, 17-21 and 27-43 stand rejected in view of prior art. Applicant is grateful for the Examiner's indication of allowable subject matter in claims 15, 16, 22-26, and 44-47 and for the courtesy of a telephone conference on January 22, 2008. Further to the telephone conference with the Examiner on January 22, 2008, Applicant has amended the claims to include the subject matter indicated by the Examiner as allowable in Applicant's independent claims. Applicant respectfully requests entry of this Amendment After Final so as to place the claims in condition for allowance.

General

In the Final Rejection dated October 19, 2007, the Examiner has indicated that Claims 15, 16, 22-26 and 44-47 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant has amended independent claim 1 to incorporate the limitations of claim 15 as well as intervening claims 13 and 14. In addition, Applicant has modified claim 1 to address the Examiner's Section 112 rejection of claim 1.

Applicant has also amended claim 22 to incorporate the limitations of claim 1 as well as intervening claims 20 and 21. Dependent claims 23-27 depend from claim 22.

Lastly, Applicant amended independent claim 29 to incorporate the limitations of claim 44 as well as intervening claims 42 and 43. Certain other dependent claims were amended to reflect the amendments to claim 29.

Applicant's invention enables more than one thread in a multi-threaded computing system to search for and obtain access to a page concurrently without requiring any serializing operations. Applicant's solution also maintains a list of reusable pages so as to facilitate reuse of pages in the cache. Applicant respectfully believes these features are not found in the prior art of record.

Conclusion

In view of the foregoing remarks and amend to claims herein, it is believed that

all claims are now in condition for allowance. Hence, it is respectfully requested that the application be passed to issue at an early date.

If for any reason the Examiner feels that a telephone conference would in any way expedite prosecution of the subject application, the Examiner is invited to telephone the undersigned at 925 465 0361.

Respectfully submitted,

Date: January 22, 2008

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